

L 31053-65 RWT(m)/BPA(w)-2/EWA(m)-2 Feb 10/Pt-10 IJ P(c)

ACCESSION NR: A85004842

S/0058/64/000/011/A030/A030

36

8

SOURCE: Ref. zh. Fizika, Abs. 11A296

AUTHORS: Garganeyev, G. P.; Dimov, N. I.; Velikosel'skiy, V. A.

TITLE: Spatial distribution of hard radiation from a 25 MeV betatron 19

CITED SOURCE: Sb. Materialy 1-y Nauchn. konferentsii Tsentr. n.-i. labor. Tomskogo med. in-ta, 1964. Tomsk. Tomskiy un-t, 1964, 43-45

TOPIC TAGS: gamma ray, betatron, hard radiation, radiation distribution

TRANSLATION: The method of induced activity was used to measure the spatial distribution of the hard gamma radiation from the 25 MeV betatron installed at the Tomskiy meditsinskiy institut (Tomsk Medical Institute). The activated samples used for the measurement of the radiation distribution in the horizontal plane were distilled

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ACCESSION NR: AF5004842

water (0.5 cm^3 volume) and copper discs 10 mm in diameter made of 0.15 mm foil. To measure the distribution of the vertical plane, the volume of the water was reduced to 0.1 cm^3 , and the diameter of the copper samples to 4 mm. The results of the measurements show the presence of some asymmetry in the intensity distribution relative to the central beam, both vertically and horizontally. It is recommended that when the set-up is used for biological experiments the operation be limited to a solid angle $\sim 7^\circ$. A. Fateyev.

SUB CODE: NP

ENCL: 00

Card

2/2

L 6333-66 EWT(1)/EPA(s)-2 IJP(c) GG

UR/0181/65/007/008/2523/2524

ACCESSION NR: AP5019875

AUTHOR: Baranov, A. V.; Nekrasova, L. G.; Dimova, N. I.

TITLE: Concerning the investigation of pulsed breakdown of solid dielectrics

SOURCE: Fizika tverdogo tela, v. 7, no. 8, 1965, 2523-2524

TOPIC TAGS: dielectric breakdown, field emission, electric insulator, dielectric strength, electric field, potassium chloride

ABSTRACT: The purpose of the investigation was to check on the theoretical prediction that, owing to the multi-streamer mechanism of breakdown, a thin dielectric (thinner than 20μ) breaks down essentially because of processes occurring on the cathode and its breakdown depends essentially on the field emission current from the cathode. Furthermore, the experimentally observed increase in electric strength with decreasing thickness makes it possible to obtain strong electric fields in thin dielectrics without breakdown, and by the same token, obtain large field emission and impact-ionization currents. The latter was experimentally confirmed by the author elsewhere (Problemy dielektrikov i poluprovodnikov. Sb. dokl. IV Mezhdunar. konf. po proboru, str. 129. Izd. "Energiya," 1964). To check on this assumption, the authors investigated the dependence of the current amplitude and

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ACCESSION NR: AP5019875

dielectric strength on the time of application of the voltage, using samples cut from a single KCl crystal by a procedure described by G. A. Vorob'yev et al. (PTE v. 5, 198, 1961). Breakdown was produced by a single-pulse voltage with different rise times. The duration of the voltage was recorded with an oscilloscope. The results show that the current density preceding the breakdown decreases monotonically with increasing voltage time, and the dielectric strength increases with the voltage time and has a maximum near 1 μ sec and then decreases. This behavior is attributed to the formation of negative space charge. Orig. art. has: 2 figures.

ASSOCIATION: Tomskiy politekhnicheskiy institut im. S. M. Kirova (Tomsk Polytechnic Institute)

SUBMITTED: 11Mar65

ENCL: 00

SUB CODE: ss, EC

NR REF Sov: 011

OTHER: 000

44,55

nw
Card2/2

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

TSENKOV, G. Ts.; DIMOV, N. P.

The adsorption chromatographic separation of some gas mixtures. Khim
i industriia 33 no.2:46-49 '61.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

L 5303-66 EWT(m)/T

ACC NR: AP5024964

SOURCE CODE: UR/0286/65/000/016/0024/0024

AUTHORS: Piguzova, L. I.; Dimov, N. P.

ORG: none

TITLE: A method for obtaining n-zeolite. / Class 12, No. 173721

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 24

TOPIC TAGS: zeolite, hydrochloric acid

ABSTRACT: This Author Certificate presents a method for obtaining n-zeolite based on the natural mineral. To obtain an acid-resistant zeolite, chabazite treated with hydrochloric acid of 0.01N concentration at the temperature of 96-98°C is used as the raw material.

SUB CODE: MT, GC/ SUBM DATE: 09May64/ ORIG REF: 000/ OTH REF: 000

Card 1/1

UDC: 661.183.6

09010540

DIMOV, R.

Standardized planning, a prerequisite for industrialization of construction in Bulgaria. p. 14.

STROITELSTVO. (Ministerstvo na stroezhite) Sofiia, Bulgaria. Vol. 6, no. 11, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960.
UNCL

DIMOV, St.; GUDEV, R.

Conveying devices for the mechanized filling of troughs in
swine fattening farms. Izv mekh selsko stop BAN 1:147-159
'61.

DIMOV, Staiu

Possibilities of mechanical milking of sheep. Izv mekh
selsko stroj BAN 4 83-96 '63.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMOV, S.

"How We Preserve Fruits." p. 13,
(KOOPERATIVNO ZEMEDELIE, Vol. 9, No. 10, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

DIREC^t, A.

Complex mechanization of haying. p.13

MASTICATORI ZEMELIE vol. 7, no. 4, apr. 1956

Bulgaria

so. EAST BULGARIAN AGROTECH LIST vol. 5, no. 10 Oct. 1956

DIMOV, S.

DIMOV, S. Transportation in some agricultural work. p. 14.

Vol. 7, No. 9, Sept. 1956.

MASHINIZIRANO ZEMEDELIE

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

DIMOV, S.

DT-14 Tractor. p. 16. MASHINIZIRANO ZEMEDELIE. Vol. 7, no. 7,
July 1957. Sofia, Bulgaria

SOURCE: East European Accessions List, (EEAL) Library of
Congress, Vol.6, No. 1, January 1957

DIMOV, S.

Some shortcomings in the mechanization of the livestock-raising state farms.

P. 14, (Mashinizirano Zemedelie) Vol. 8, no, Apr. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, 11 November 1957

DIMOV, Sava

"Maritsa" Cotton and Textile Combine, a work of the people's rule. Tekstilna prom 13 no. 4:20-22 '64.

1. Chief Planner, "Maritsa" Cotton and Textile Combine, Plovdiv.

L 02147-67
ACC NRT AP6035991

SOURCE CODE: BU/0011/65/018/003/0283/0286

DOSSEVA, I., TENCHEVA, Z., DIMOV, S., Research Group of Neurology and Psychiatry of the Bulgarian Academy of Sciences

"Metabolism of Adenosine Triphosphate in Epileptogenic Focus Induced by Topical Application of Mescaline to Cat Brain Cortex"
22

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 18, No 3, 1965, pp 283-286
37
13

Abstract: /English article/ Data in the literature on the different changes in the level of high-energy compounds during experimental convulsions are scarce and exclusively related to generalized experimental seizures. However, variations in the level of these compounds may be the result of various independent changes occurring within the entire organism (D. B. Tower, Neurochemistry of Epilepsy, C.C. Thomas, Springfield, Ill., 1960).
Electrophysiological studies of Rovetta (Electroenoph. clin. Neurophysiol., 8, 1956, 15), Grighe and Stoica (Stud. Cercet. Neurol., 7, 1962, 175) show that the topical application of mescaline to the cortex leads to the onset and development of a focal epileptic activity. Until now only the changes in the system of glutamic acid, glutamine, and gamma-aminobutyric acid in a mescaline epileptogenic focus were studied (N. Misra-Grighe et al., J. Neurochem., 11, 1964, 333). Taking into consideration the central role of adenosine triphosphate (ATP) in the function of the nervous system, the authors

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L 02147-67

ACC NR: AP6035991

studied in cats changes in the level and metabolism of this compound in the epileptogenic focus induced by mescaline. The experimental results show that 1) the higher epileptic activity of nerve cells in the epileptogenic focus is correlated with an increased level of ATP which supplies the excitation processes in the nerve cells with the required energy; 2) the increased incorporation of phosphate³²P into ATP shows that oxidative phosphorylation and ATP synthesis are activated in the epileptogenic focus. Thus the higher ATP level reflects an increase of its synthesis and the prevalence of this process over ATP decomposition; 3) it is difficult at present to evaluate to what extent the changes in ATP metabolism may play a pathogenetic role in the appearance of the epileptogenic focus. This paper was presented by Academician G. Usunoff on 16 November 1964. Orig. art. has: 4 figures. [JFRS]

TOPIC TAGS: cat, cerebral cortex, biologic metabolism, organic phosphorus compound, electrophysiology, biochemistry, phosphorylation, biosynthesis

SUB CODE: 06, 07 / SUBM DATE: 16Nov64 / ORIG REF: 001 / OTH REF: 005

Card 2/2 *fd*

BULGARIA

DOSSEVA, I., TENCHEVA, Z., DIMOV, S., Research Group of Epilepsy, Bulgarian Academy of Sciences

"Correlation Between the Bioelectric Activity and Adenosine-5'-Triphosphate Metabolism in Cat Brain Mescaline-Induced Epileptogenic Focus"

Sofie, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 4, 1966, pp 313-316

Abstract: [English article] Earlier investigations of the changes in the level of high-energy phosphates in brain tissue during convulsions indicate that during convulsive activity the level of ATP and of creatine phosphate decreases with a simultaneous release of inorganic phosphate. Since these effects are not specific for the different convulsive agents, they may also reflect changes in the entire body. The present paper gives results of the correlation between ATP metabolism and bioelectric activity during the formation of the epileptogenic focus in cats. The cortical activity was recorded by means of silver chloride ball electrodes and registered with a Schwarzer electroencephalograph. The results of the experiments indicate that the development of the epileptogenic focus is accompanied by changes in the ATP level and metabolism. However, the initial changes in the bioelectric activity of the focus are not accompanied by changes in the ATP level. Correlated with data on the role of ATP in the generation of the nerve impulse, the results suggest that ATP is not the direct cause of epileptogenic activity. There are 1 Bulgarian, 1 Rumanian, and 7 Western references. (Manuscript received, 24 Dec 65.)

1/1

DOSSEVA, I.; TENCHEVA, Z.; DIMOV, S.

Metabolism of adenosine triphosphate in epileptogenic focus induced by topical application of mescaline to cat brain cortex.
Dokl. Bolg. akad. nauk 18 no.3:283-286 '65

1. Submitted on November 16, 1964.

DIMOV, S. G.

Dimov, S. G. "On glandular tuberculosis of adults,"
Izhevsk Med. instituta (Izhev, gos. med. in-t), Vol. VII, 1949,
p. 199-202

SO: U-3850, 16 June 53, Letopis Zhurnal Mykh Statey, No. 5, 1949)

DIMOV, S.G.

36861. O porazhenii pochek pri krupoznoy pnevmonii. Trudy Med. in-to
(Izhev. gos. med. in-t), t. IX, 1949, c. 79-84

SO: Letopis' zhurnal' Nykh Statey, Vol. 50, Moskva, 1949

DIMOV, S. G.

36912. GUBERGRTS, A. Ya. i DIMOV, S. G. K Klinike Pervichnogo Vnelegochnogo Tuberkuleza u Vzroslykh. Trudy Med. In-ta (Izhev. Gos. Med. In-t), t. IX, 1949, c. 248-55.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

DIMOV, S.G., dotsent

Disturbances in the secretory and excretory function of the stomach
in patients with exudative pleuritis. Trudy Izhev.gos.med.inst. 13:
314-322 '51. (MIRA 13:2)

1. Iz kafedry diagnostiki i chastnoy patologii s terapiyey Izhevsko-
go meditsinskogo instituta. Zavedruyushchiy kafedroy - prof. A.Ya.
Gubergrits.

(PLEURISY) (STOMACH--SECRECTIONS)

DIMOV, S.G., dotsent

Kidney function in exudative pleuritis. Trudy Izhev.gos.med.inst.
13:362-367 '51. (MIRA 13:2)

1. Iz kafedry diagnostiki i chastnoy patologii s terapiyey Izhevskogo
meditsinskogo instituta. Zaveduyushchiy kafedroy - prof. A.Ya. Guber-
grits.

(PLEURISY) (KIDNEYS)

DIMOV, S.G., dotsent; KOZHEVINA, A.A.

Penicillin therapy of pulmonary inflammation. Trudy Izhev.gos.med.,
inst. 13:368-375 '51. (MIRA 1):2)

1. Iz kafedry diagnostiki i chastnoy patologii s terapiyey Izhevskogo
medinstituta. Zaveduyushchiy kafedroy - prof. A.Ya. Gabergrits.
(LUNGS--DISEASES) (PENICILLIN)

DIMOV, S. Iv.

Following the example of Soviet textile workers. Leka
promishl 2 no.8;30-31 '53.

DIMOV, St.; SHERIEV, Il.

Methods and equipment used in feeding milch cows when they
are kept free. Izv mekh selsko stop FAN no. 2:149-164 '62.

DIMOV, T.

My experience in taking care of chickens. p. 26.
(Kooperativno Zemedelie, Vol. (12), no. 2, Feb. 1957. Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, no. 10, October 1957. Uncl.

DIMOV, V.

Educational development of the Soviet worker. Inform. biul.
VDNKh no.7:37 Jl '63. (MIRA 16:8)

ZYANDRIKOV, K.G.; YEVSEYEV, I.K.; SINOPAL'NIKOV . DIMOV, V.I., inzh.;
BICHUGOV, V.I.

Recommended by the Committee of Innovators in Moscow. Mashinostroitel'
no.9:28-29 S '61. (MIRA 14:10)
(Technological innovations)

DIMOVA, M.; TSONEV, I.; ILIEV, St.

Icing of the 60, 110, and 220 kv. electric lines, and its control
in Bulgaria. Izv Inst energ 'BAN 3:115-141 '62.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

PETKOV, L., inzh.; BOZHKOVA, L., inzh.; BAKHNEV, B., inzh.; DIMOVA, M., inzh.

Standard diagrams of active and reactive loads. Elektroenergiia 14
no.7:7-9 Jl '63.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

BAKHNEV, Bakhni, inzh.; DIMOVA, Mariia, inzh.

Determination of compensating effect in various methods of
regulating condenser batteries. Elektroenergiia 14 no.11:
2-5 N'63.

BULGARIA/Cultivated Plants - Fruits. Berries.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 157⁴⁶

Author : I. Iliyev, N. Dimova

Inst :

Title : Fruit Cultivation, Its State and Possible Development in
the Environs of Kotel.
(Sostoyaniye i vozmozhnosti razvitiya plodovodstva v
Kotel'skoy okolii).

Orig Pub : Ovoshcharstvo i gradinarstvo, 1957, No 6, 20-2⁴.

Abstract : No abstract.

Card 1/1

DIMOVA, Radka

Side feeding of durum wheat. Selskostop nauka [2] no. 2:
168-173 '63.

GEORGIEVA, S.; DIMOVA, V.

The medieval city of Cherven. Nauka i tekhn mchadezh 14 no.9:
13 S '62.

DIMOVA, V.

DIMOVA, V. Studying the climate of the Rila Mountains for determining the water flow process. p. 3. No. 4, 1956. KHIDROLOGIIA I METEOROLOGIIA. Sofiia, Bulgaria.

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMOVA-NANCHEVA, V.; ILIEV, M.D.

A case of maximum entropy in an uninterrupted distribution.
Godishnik mash elekt 10 no.1:45-48 '61 (publ. '62).

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

S/124/63/000/003/036/065
D234/D308

AUTHORS: Genov, A., Dimova-Nancheva, V., Stoyanov, N. and Popov, V.

TITLE: Elementary stressed state of a wave-shaped shell of revolution

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1963, 13-14, abstract 3V86 (Godishnik Mash.-elektrotekhn. in-t, 1959 (1960), v. 6, no. 1, 51-59 (Bulg.; summary in Ger.))

TEXT: In the conditions of a homogeneous problem the authors investigate the stressed state of a corrugated cylindrical shell of revolution: the meridian of its middle surface is represented by the equation $r = b + a \cos(\gamma z/l)$ with $b \gg a$. By substituting $\xi = \cos^2(\gamma z/2l)$ and (in another domain) $\xi = \sin^2(\gamma z/2l)$, the problem is reduced to a generalized hypergeometric equation. A general solution is given for the resolvent functions, for membrane forces, for the components of tangential and flexural deformation of the

Card 1/2

S/124/63/000/003/036/065
D234/D308

Elementary stressed state ...

middle surface. In local zones adjacent to lines of zero Gaussian curvature $z = (2k + 1)l/2$, the solution degenerates and is replaced by another obtained on the basis of moment theory of simple edge effect. [Abstracter's note: Complete translation.]

Card 2/2

DIMOVIC, S.

Manufacture of refractory materials on Al_2O_3 in Yugoslavia.
p. 1428. Vol. 9, No. 9, 1954. TEHNIKA. ²Beograd, Yugoslavia.

SOURCE: East European Accessions List, (EEL) Library
of Congress, Vol. 5, No. 8, August, 1956.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMOVICEANU, D., Ing.

Optimum gas lifting ratio in the Baldesti oil field.
Petrol si gaze 15 no. 5:222-227 My'64.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

DIMOVSKI, A.

Biogeographic and ecologic characteristics of Skopska Kotlina.
Bul. sc. Youg 7 no. 4/5:116 Ag-0 '62.

1. Zooloski institut Prirodno-matematskog fakulteta, Skopje.

DIMOVSKI, Aleksandar, dr

Herpetofauna of Macedonia. Pt. 2. Fragmenta Balk Skopje 5 no.4:
19-22 '64.

1. Biologic Institute of the Faculty of Mathematics and Natural
Sciences, Skopje.

DIMOVSKI, I.

New Mathematical problems. p. 112

Bulgarska akademii na naukite. Fizichesko institut. FIZIKO-MATEMATICHESKO SPISANIE.
Sofia, Bulgaria. Vol. 2, no. 2, 1959 BULGARIA.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMOVSKI, Iv.

"Introduction to the mechanics of continuous medium" by
L.I. Sedov. Reviewed by Iv. Dimovski. Fiz mat spisanie
BAN 5 no.4:318 '62.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

DIMOVSKI, Iv.

Concentration of stresses under a rotary punch. Izv Mat inst
BAN 7 135-138 '63.

DIMOVSKI, Ivan

An infinite system of linear equations. Fiz mat spisanie
BAN 6 no. 2:136-139 '63.

DIMOVSKI, Ivan

Rational solutions of the equation $1+x+x^2=y^3$.
Fiz mat spisanie BAN 6 no. 3:209-211 '63.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMOVSKI, Iv.

"Some incorrect problems in mathematical physics" by M.M.Lavrent'ev.
Reviewed by Iv. Dimovski. Fiz mat spletanie BAN 7 no.1:79 '64.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

DIMOVSKI, Iv.

Second All-Union Congress on Theoretical and Applied Mechanics.
Spisanie BAN 9 no. 1/2:148-151 '64.

DIMOVSKI, I.Kh.

Relation between yielding and loading surfaces. Vest. Mosk. un. Ser.
1: Mat., mekh. 18 no.2:44-45 Mr-Ap '63. (MIRA 16:6)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
(Plasticity) (Deformations, (Mechanics))

DIMOVSKI, Khr., inzh.

Speedy biofilters and their dimensioning. Khidrotekh i melior
6 no.7:206-207.

DIMOVSKI, Khristo, inzh.

Selection of the most suitable sewage system. Khidrotekh i
melior 9 no. 3:86-89 '64.

DIMOW, L.

Adjustment by groups of the level net based on conditional observations. p.218.

PRZEGLAD GEODEZYJNY. Warszawa, Poland. Vol. 15, no. 6, June 1959.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959
Uncle

DIMOW, I., prof. dpl. inz. (Sofia)

Establishing of the center of an invisible triangulation point.
Przegl geod 32 no.10:377-379 0 '60.

DIMOW, Lubomir, prof.,inz.

Determination of the most advantageous circular arc by the
least squares method. Przegl. geod. 32 no. 7: 250-252 Jl '60.

GULATI, B.S.; SINGH, P.; DMR, B.P.

Germination of the seeds of Rauwolfia serpentina Benth. Biul.
Glav. bot. sada no. 56:36-38 '64. (MIRA 18:5)

1. Severnyy zonal'nyy tsentr TSentral'nogo indiyskogo instituta
lekarstvennykh rasteniy, Khaldvani, Indiya.

BOCHENEK, Michał, dr.; DIMTER, A.

Fracture, dislocation and contusion of the cervical spine. Chir.
narzad. ruchu ortop. Pol. 28 no.7:799-800 '63

1. Z Kliniki Ortopedycznej Akademii Medycznej w Krakowie (Kie-
rownik p.o.: dr. M. Bochenek).

DIMTER, Adolf; PACHALSKI, Adam

Double-blade surgical knife for taking skin strips. Chir.
narzad. ruchu ortop. pol. 28 no.1:101-102 '63.

1. Z Kliniki Ortopedycznej AM w Krakowie Kierownik p.o.: dr
med. M. Bochenek.

(SKIN TRANSPLANTATION)
(SURGICAL EQUIPMENT)

DIMTER, Adolf; BOCHENEK, Michal

Analysis of injuries in motorcycle accidents according to
clinical material collected in 1957-1961. Chir. narzad. ruchu
ortop. pol. 28 no.2:161-164 '63.

1. Z Kliniki Ortopedycznej AM w Krakowie p.o. kierownika:
dr M. Bochenek.
(ACCIDENTS, TRAFFIC) (STATISTICS)

DIMTER, Adolf; BOCHENEK, Michal

Carcinoma planocellulare in a case of untreated pes equi-
novarus. Chir.narzad.ruchu ortop. pol. 28 no.6:633-635 '63.

l. Z Kliniki Ortopedycznej AM w Krakowie, p.o. kierownika:
dr.med.M.Bochenek.

*

DIMULESCU, Constantin, ing.

Gas burners introduced into the loopholes of the coal-powder
burners. Energetica Rum 7 no.11:451-452 N '59.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DIMULOVIC, P.

"The System Of Remuneration" p. 217. (Zeleznice, Vol. 9, no. 7, July 1953, Beograd.)

SO: East European Vol. 2, No. 9,
Monthly List of/~~new~~ Accessions, Library of Congress, September 1953, Uncl.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

RUMANIA/Pharmacology - Toxicology, Tranquilizers.

v

Abs Jour : Ref Zhur Biol., No 4, 1959, 18524

Author : Constantinescu, K., Gavas, R., Dimutriu, M., Con. Zh.

Inst :

Title : The Treatment of Chorea Minor by Means of Serpasil

Orig Pub : "Pediatrīa", 1957, No 1, Ref-Rumynsk, med. obozreniye, 1957,
1, No 4, 43

Abstract : Children with chorea minor were treated with serpasil (I) with 24-hour dosing of 0.5 mg for the duration of 12-20 days in combination with antirheumatic preparations. Clinical improvement (general sedative action, decrease and termination of hyperkinesis) began during the first days of treatment. In a number of patients, side effects were noted in the form of bradycardia, hypotonia, orthostatic collapse, sleepiness and headache. In weakly-expressed affections of the heart, bradycardia, which develops under influence of I, assists better restoration of myocardial function.

Card 1/1

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S/207/62/000/006/024/025
E194/E184

AUTHOR: Dimza, G.V. (Moscow)

TITLE: Influence of pressure on the detonation of liquid explosives

PERIODICAL: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki,
no.6, 1962, 152-153

TEXT: It is commonly supposed that detonation of liquid explosives is associated with compression and heating of gas bubbles included in the liquid. It is readily shown that by increasing the initial pressure the temperature of the gas in the compressed bubbles is reduced; for example, if the pressure rise on detonation is constant at 200 atm, raising the initial pressure from 1 to 6 atm reduces the final temperature from 1150 to 600 °C. This should be noticeable by changes in ease of detonation of liquid explosives by a pressure wave on increasing the ambient pressure. To check this point detonation tests were made in a steel tube located in a water-filled pressure vessel. The detonator is separated from the explosive by a column of water to obtain a pure compression effect, and the distance at which the

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Influence of pressure on the ...

S/207/62/000/006/024/025
E194/E184

detonator could explode the charge was determined with different ambient pressures up to 300 kg/cm². Tests were made with nitro-glycerine and a mixture of tetrinitromethane and toluol. Distances between charge and detonator for 100% explosions, no explosions and some intermediate positions were determined at atmospheric pressure and then at increasing pressures. It would be expected on theoretical grounds that with increasing pressures the detonation could be transmitted over shorter distances, but this was not in fact observed and even at 300 kg/cm² detonation could be transmitted over just as great a distance as at atmospheric pressure, even though this pressure increase should have reduced the temperature rise of gas inclusions by a factor of 40. As the pressure is increased the solubility of gas bubbles also increases and the total amount of free gas in the liquid is reduced so that the mechanism of detonation of liquid explosives by an impact wave should probably be attributed not to simple heating of gas inclusions but to more complicated processes such as friction of moving liquid, impacting of liquid streams, etc. It is also possible that in the explosives tested

Card 2/3

Influence of pressure on the ... : S/207/62/000/006/024/025
E194/E184

the gas bubbles were below the critical size and could not serve
as sources of detonation.
There are 2 figures and 1 table.

SUBMITTED: March 21, 1962

Card 3/3

APIN, A.Ya.; AFANASENKOV, A.N.; DIMZA, G.V.; STAFEYEV, V.N.

Sympathetic detonation. Dokl. AN SSSR 147 no.5:1141-1143 D '62.
(MIRA 16:2)

1. Institut khimicheskoy fiziki AN SSSR. Predstavлено akademikom
V.N. Kondrat'yevym.
(Detonation)

ACCESSION NR: AP4034284

S/0207/64/000/002/0166/0168

AUTHOR: Dimza, G. V. (Moscow)

TITLE: The effect of the case properties on activating the detonation of liquid explosives

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 2, 1964, 166-168

TOPIC TAGS: detonation, detonation initiation, liquid explosive, shock wave detonation, case sound speed, exploder TG 50 50

ABSTRACT: The activation of detonation in a stoichiometric mixture of tetranitromethane with toluene was investigated in relation to the effect of the case material. Previous work involved the use of powerful shock waves (80--100 kbar), whereas the present study used weak (200--600 bar) shock waves. A charge of the liquid explosive (1.5 cm³) was placed in a case of the test material, filling 2/3 of its volume (6 mm diameter, 70 mm length, and 1.5 mm wall thickness). The case was placed on the center line of a water-filled 3-inch steel pipe at variable distances from the activator (electric exploder 8). The explosion of the detonator sent a shock wave down the pipe (a plane wave front after 6--9 inches). The

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distance of the case from the detonator was varied from that distance where all charges in a case were detonated (100%) to the distance where no charge was fired (0%). Eight case materials were tested, and the distance at which 50% of the test charges was detonated was plotted as a function of sound speed in the case material. The relationship was found to be linear (smaller distances for slower sound speed). Photographs used to study the detonations showed that these detonations originated at the point of shock wave collision. Detonation of the liquid explosives by air-transmitted shock waves did not show a similar sensitivity to the sound-wave speed of the case (detonation occurred at the surface of the liquid and was caused by the hot gases from the exploder - TG 50/50). When the liquid explosive was covered by a thin layer of water (preventing surface detonation), the air-transmitted detonation also showed a linear dependence on the sound speed of the case. The cases showed greatest sensitivity to this effect when the speed of sound in the case exceeded that in the liquid explosive (1500 m/sec). The air-transmitted detonation (direct from hot gases) occurred at 15 bar pressure, while the water-transmitted detonation (shock wave collision) at 300 bars. Orig. art. has: 5 figures.

ASSOCIATION: none

Cord 2/3

ACCESSION NR: AP4034284

SUBMITTED: 30Nov63

SUB CODE: ME, WA

NO REF SOV: 002

ENCL: 00

OTHER: 003

Card 3/3

NELASOV, Yu.P.; LOVLYA, S.A.; DIMZA, G.V.

Excitation of the charge detonation of torpedos under high
hydrostatic pressure. Neftegaz.geol. i geofiz. no.8:50-52
'64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh
metodov razvedki.

DIMZA, I., Cand of Agri Sci — (diss) "The Effect of Spraying Apple Trees with Microelement Solutions," Riga, 1959, 26 pp (Latvian Agricultural Academy)
(KL, 8-60, 117)

DIMZA, I.

Spraying apple trees with microelements. p. 149.

LATVIJAS PSR ZINATNU AKADEMIJA. VESTIS. RIGA, LATVIA. No. 7, 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 9, no. 2,
Feb. 1960 Uncl.

JANOVS, Lanis; DIMZA, J., red.; MIRONOVS, A., tekhn. red.

[Management of socialist industrial enterprises] Socialistisko
rupniecibas uzņemumi parvaldīšana. Riga, Latvijas Valsts
izdevnieciba, 1960. 29 p. (MIRA 15:3)
(Industrial management)

RIYEKST, A. [Rieksts, A.]; DIMZA, J., red.; SAKIRYANOVA, N., red.; FREIMANIS,V.,
tekhn. red.

[Dimension diagrams; calculation of permissible tolerances for machine
and apparatus parts] Izmeru kedes; racionalu pielaizu aprekinasana
masinu un aparatu detalam. Riga, Latvijas Valsts izdevnieciba, 1960.
(MIRA 14:12)
199 p. [In Latvian].
(Dimensional analysis) (Tolerance (Engineering))

MATVEYEV, Vitaliy Sergeyevich, kand.tekhn.nauk; KRASTINS, V. [translator];
DIMZA, J., red.; KIRULE, L., tekhn.red.

[From balloon to the space rocket] No gaisa balona līdz
kosmiskajai raketei. Riga, Latvijas Valsts izdevniecība, 1960.
117 p. Translated by V. Krastins. (MIRA 14:12)
(Aeronautics)

BEYLINA, Guta; JANOVS, J.[translator]; DIMZA, J., red.; KIRULE, E.,
tekhn. red.

[Labor productivity in industrial enterprises] Darba razigums
rupniecibas uzņemumos. Riga, Latvijas Valsts izdevnieciba,
(MIRA 15:3)
1961. 33 p. (Latvia—Labor productivity)

KRUTAYNIS, Dzintra; MEZULIS, Janis; DIMZA, V., red.; SPORANE, V.,
tekhn. red.

[Assembly of large-panel apartment houses] Lielpanelu
maju montazas piederze. Riga, Latvijas Valsts izdevnie-
ciba, 1962. 59 p. (MIRA 16:6)
(Riga--Apartment houses--Design and construction)

DIN, I. M. and K. S. GINZBURG.

Goriachaya shtampovka chernykh metallov; osnovy tekhnologicheskogo protesssa i konstruirovaniia shtampov. Sverdlovsk, Mashgiz, 1947.
271 p. illus.

Bibliography: p. 269-(270).

(Swaging ferrous metals; fundamentals of the technological process and designing of dies.)

DLC: TS253.G55

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

DIN, I. M.

Goriachaia listovaia shtampovka i gibochnye raboty. Osnovy tekhnologii i proektirovaniia shtampov. Moskva, Mashgiz, 1950. 84 p.

(Sheet swaging and bending operations. Fundamentals of the technique and designing of dies.)

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

PHASE I BOOK EXPLOITATION SOV/3664

Din, Iosua Movshe Vul'fovich

Izgotovleniye pokovok na spetsial'nykh mashinakh; prokatka, redutsirovaniye i listovaya shtampovka v kuznechno-shtampovochnom proizvodstve (Production of Forgings on Special Machines; Rolling, Swaging, and Cold Stamping in Forging and Stamping Production) Moscow, Mashgiz, 1958. 56 p. (Series: Bibliotekha kuznetsa-novatora, vyp. 7) 8,000 copies printed.

General Ed.: P. V. Kamnev, Candidate of Technical Sciences, Docent; Reviewer: P. M. Pavlovich, Engineer; Ed.: Sh. N. Gil'denblat, Engineer; Ed. of Publishing House: I. A. Borodulina; Tech. Ed.: O. V. Speranskaya; Managing Ed. for Literature on Machine-Building Technology (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: This booklet is intended for workers in forging and stamping shops. It may also be used by technical personnel and students of secondary technical schools and schools of higher technical education.

Card 1/3

Production of forgings (Cont.)

SOV/3664

COVERAGE: This booklet deals with methods of making forgings on modern specialized machines. Rolling, expanding, roll forming, swaging, and sheet stamping are discussed. No personalities are mentioned. There are 14 references, all Soviet.

TABLE OF CONTENTS:

Introduction	3
1. Fundamental Definitions and Characteristics of the Rolling Process	4
2. Longitudinal Rolling of Blanks and Shapes	7
3. Longitudinal Forge Rolling	10
4. Rolling Out	18
5. Roll Pressure Forming	26

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Production of Forgings (Cont.)

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6. Helical Rolling

29

7. Gear Rolling

35

8. Swaging

40

9. Sheet Stamping (Hot Drawing)

45

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55

AVAILABLE: Library of Congress

VK/fal
6-20-60

Card 3/3

GORDIN, Vul'f Borisovich, kand.tekhn.nauk; DIN, I.M., inzh., retsenzent;
GOLOSKOV, E.I., retsenzent; MIKHAYEV, V.A., inzh., red.; CHFAS,
M.A., red.izd-va; SPERANSKAYA, O.V., tekhn.red.

[Theoretical principles of designing hydraulic forging presses]
Teoreticheskie osnovy gidravlicheskogo rascheta kovochnykh
pressov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry,
1960. 83 p. (MIRA 13:5)
(Hydraulic presses) (Forging machinery)

16251-66

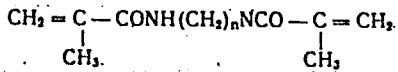
ACC NR: AP6030602 (A,N) SOURCE CODE: UR/0413/66/000/016/0092/0092

INVENTOR: Dinabur, V. A.; Vansheydt, A. A.

ORG: none

TITLE: Preparative method for ion-exchange resins, Class 39,
No. 185054SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki,
no. 16, 1966, 92

TOPIC TAGS: ion exchange resin, COPOLYMERIZATION, VINYL COMPOUND

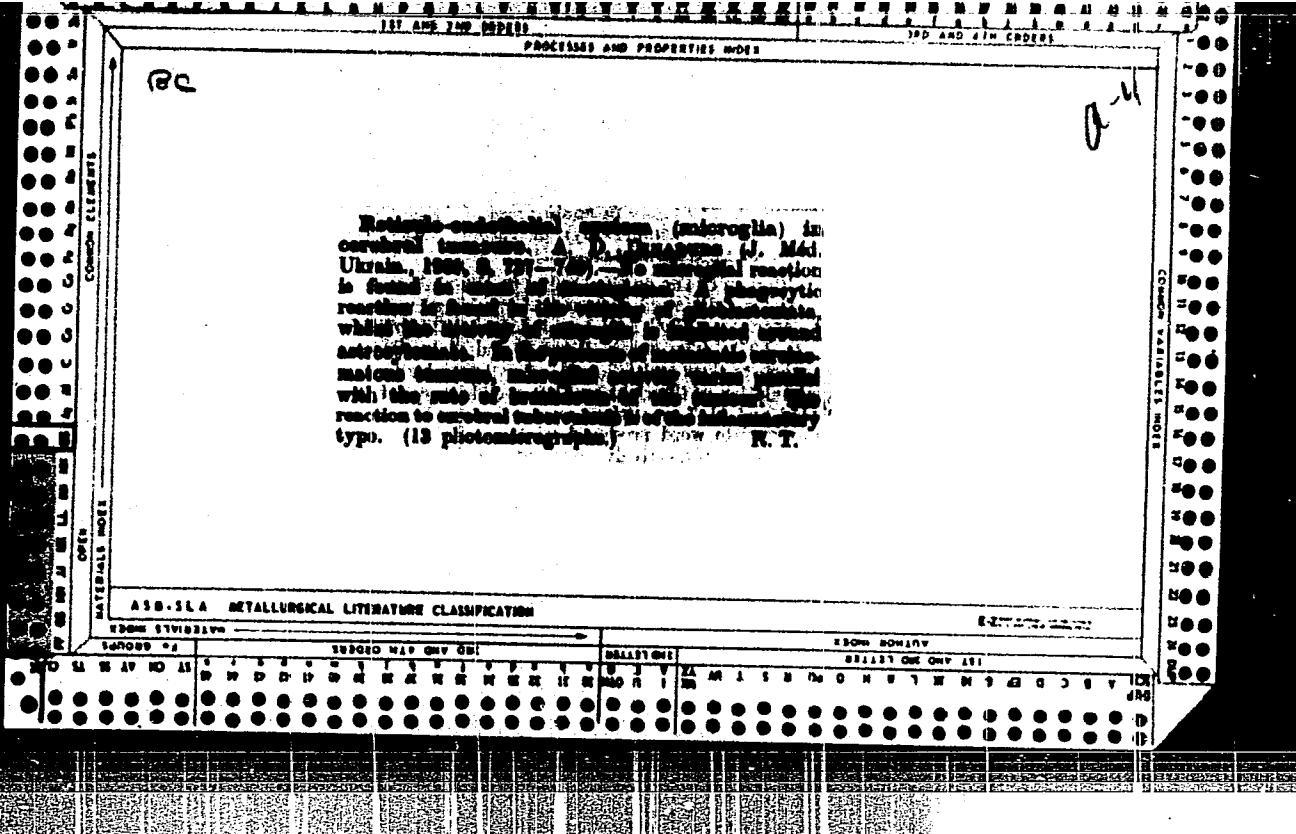
ABSTRACT: An Author Certificate has been issued for a preparative
method for ion-exchange resins, involving the bulk or suspension
copolymerization of a monovinyl compound, viz., 2-methyl-5-vinylpyridine,
and a divinyl amide-type cross-linking agent of the general formulawhere n = 2 to 10, in the presence of free-radical initiators [unspecified].
[SM]

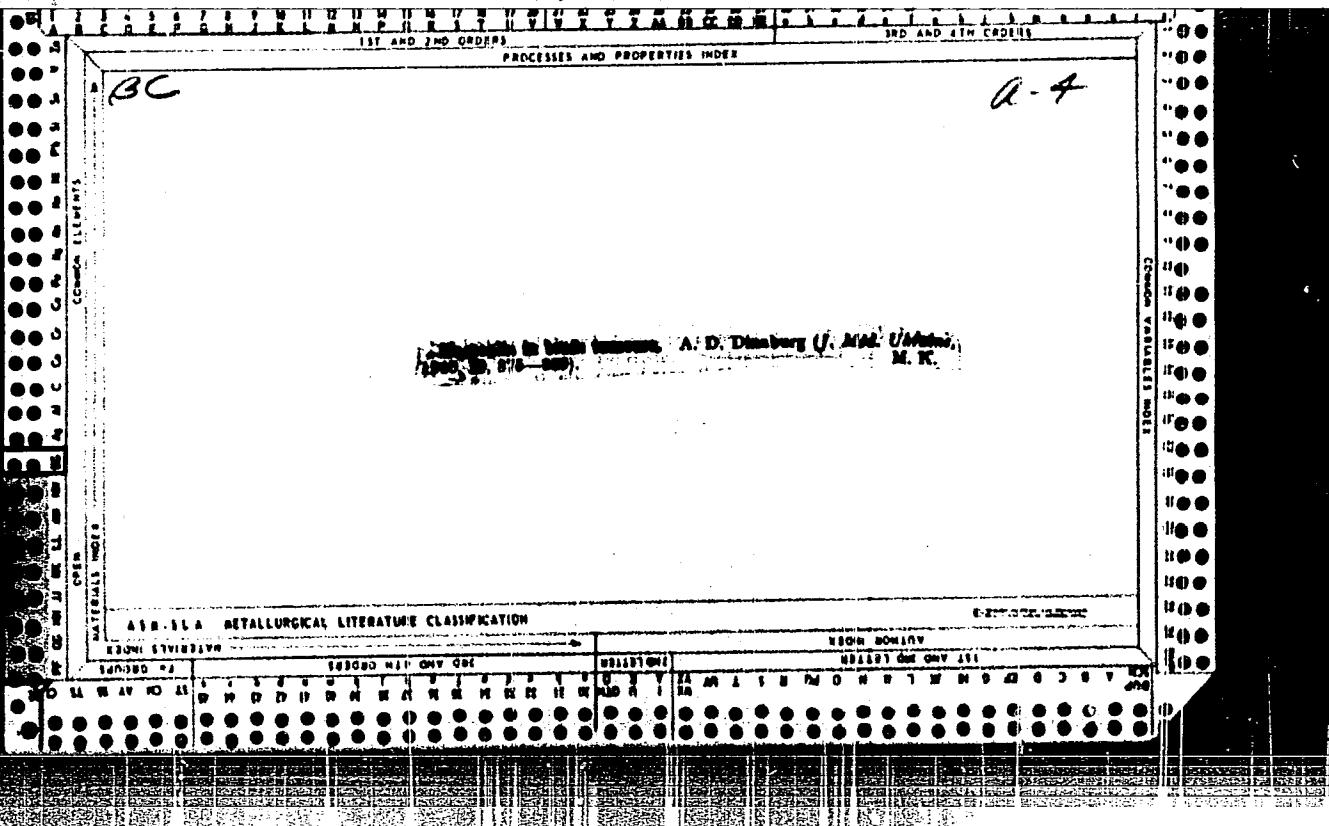
SUB CODE: 07/ SUBM DATE: 09Sep63/

Card 1/1

mjz

UDC: 661.183.123.3:678.746.5-136.5





DINABURG, A.D.

DINABURG, A.D.

Pathological morphology of the nervous system in wound sepsis.
Medich.zhur. 17:403-407 '47. (MIRA 11:1)

1. Z viddilu patologichnoi anatomi (zav. - chl-kor. AN URSR
O.I.Smirnova-Zamkova) Institutu klinichnoi fiziologii AN URSR
(direktor - akad. O.O.Bogomolets')
(NERVOUS SYSTEM--DISEASES)

DINABURG, A. D.

PA47T85

USSR / Medicine - Encephalitis, Haemorrhagic Jan 1948
Medicine - Case Records

"Comatose Form of Haemorrhagic Encephalitis in
Children," A. D. Dinaburg, Dr Med Sci, Sci Collaborator,
Nerve Sec, N. A. Maksimovich, Nerve Sec,
Somatic Clinic, Inst OkhMatDet Kiev, 5 pp

"Neuropat i Psiakhiat" Vol XVII, No 1
Makarenko & child w/face

In period, Dec 1944 - Apr 1945, some 14 cases of
haemorrhagic encephalitis, many of which complicated
by pneumonia, infections of the alimentary
tract, or by otitis. Briefly describes case his-
tories of these patients. Disease seasonal in
nature. Submitted for publication, 20 Jul 1946.

47T85
USSR/Medicine - Encephalitis, Haemorrhagic Jan 1948
(Contd.)

Scientific Collaborator of Somatic Clinic: A. Z.
Lazarev, Honorary Promotor of Sciences. Director of
Institute of OkhMatDet Kiev: A. G. Papp.

47T85

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7

DINABURG, A. D.

"Vegetative Asymmetry Based on Some Morphological Data on Patients Afflicted with Hemiplegia," Nevropatol. i Psichiat., 17, No. 3, 1948.

Chair of Nervous Diseases, Kiev Med. Inst.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000410420003-7"

DINABURG, A.D. Prof; SIROTIKIN, N.N. Prof.

"Report on the work of the Kiev Society of Pathologists" Dinaburg, A.D. Prof,
Dep. Secretary and Sirotkin, N.N. Prof. Chairman, Arkhiv Patologii, No 6, 1949.

In June 1949 there was a session of the Society at which Prof. A.D.
Dinsburg and others took part in the debates criticizing Keshing's Theory...

32786. DINABURG, A. D. i PODOL'SKIY, M. D. Smeshcheniya pri opunkholyakh
golovnogo mozga v rentgenologicheskikh otobrazhenii. Trudy kievsk. Nauch.-issled.
Psichoneurolog. Inst., T. XII, 1949, s. 67-75, 208-09

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

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(MIRA 10:12)

1. Z patomorfologichnogo viddilu (zav. viddilu - chl.-kor. AN URSR O.I.Smirnova-Zankova) Institutu klinichnoi fiziologii im. akad. O.O.Bogomol'teva AN URSR (direktor - chl.-kor. AN URSR P.Ye. Kavets'kiy).

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D'NAJBURG A. D.

K patologicheskoi anatomii tuberkuleznoego meningita, lecheniye
streptomitsinom. [Pathological anatomy of tuberculous meningitis
treated with streptomycin.] Arkh. pat., Moskva 12:4 July-Aug 50
p. 54-62.

1. Of the Department of Pathological Anatomy (Head -- Corresponding Member of the Academy of Sciences UkrSSR A. I. Smirnova-Zamkova), Institute of Clinical Physiology imeni Academician A. A. Bogomolets (Director -- Corresponding Member of the Academy of Sciences UkrSSR R. Ye. Kavetskiy) of the Academy of Sciences UkrSSR and the Tuberculosis Department of the Institute for the Care of Mothers and Children, Kiev.

CHM 19, 5, Nov 50

TANANAYKO, P.G.; DINABURG, A.D.

Indications for immediate surgical intervention in subtentorial
tumors of the brain. Vopr.neirokhir. 15 no.2:14-18 Mar-Apr 1951.
(CLML 20:9)

1. Senior Scientific Associate; Prof A.D. Dinaburg. 2. Of the
Scientific-Research Institute of Neurosurgery of the Ministry
of Public Health Ukrainian SSR (Scientific Supervisor--Prof.
A.I. Arutyunov).

DINABURG, A. D.; KOLCHINSKAYA, A. Z.

Brain - Diseases

Pathological anatomy of the brain in hypoxia. Medich. zhur. 20, no. 6, 1951

9. Monthly List of Russian Accessions, Library of Congress, August 195², Uncl.

1. DINABURG, G. D., Prof.
 2. USSR (600)
 4. Streptomycin
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Medich. zhur., 21, No. 5, 1951.
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1. SYROTYNIN, M. M., Prof.; DINABURG, G. D., Prof.
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